

OREGON CROP WEATHER



Oregon
Agricultural
Statistics
Service

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Weather: Precipitation was light last week throughout the State. The most rainfall occurred along the Coast in Tillamook and Astoria/Clatsop, that received 1.48 inches and 1.61 inches respectively. The Dalles and Worden were the only two stations that did not receive any precipitation last week. Weather stations with a season cumulative precipitation of 100 percent of normal include Bend, Burns, Lorella, Redmond, Baker City, Union, and Rome. Nearly all SNOTEL sites have melted out for the year. Low temperatures were generally in the forties and fifties, however Baker City reported a low of 37 degrees Fahrenheit. High temperatures were mostly in the eighties and nineties except for the high sixty and low seventy temperatures reported along the coast.

Field Crops: Dry weather early in the week was replaced by wetter conditions over the weekend in many areas. Winter Wheat harvest began last week in parts of eastern Oregon. Stripe rust has been an issue in various areas of Oregon this year. Grass for seed was being swathed throughout the Willamette Valley and in Union County. Growers continued to put up hay as weather allowed. Yields so far this year have been good, but in many areas, quality has been negatively affected by last month's wet conditions.

Livestock, Range and Pasture: Pastures and rangeland were in overall good condition throughout the State. Adequate precipitation has allowed most dryland pastures to continue to hold up very well providing good forage. Some rangeland and pasture conditions, however, were beginning to deteriorate in drier areas of the State. Livestock were reported in excellent condition across the State.

Nurseries and Greenhouses: Nurseries are in summer time mode and irrigating plants and containers. Greenhouses were doing summer clean up. Christmas tree growers were spraying for weeds and getting ready to start shearing trees.

Vegetables: In Benton, Linn or Lane counties radishes, shallots, new potatoes, garlic, lettuce mixes, onions, chard, chives, cauliflower, cabbage, lots of lettuces, young carrots, corn and green beans were up and slowly growing. Green beans are just beginning to show some bloom, and corn is barely knee-high. Vegetables were still looking for some good growing weather in Clackamas County, where beans will be ready soon. In Jackson County much

watering, weeding and cultivation of vegetable crops was ongoing. Some early sweet corn was about knee high. Early vegetable crops that are being harvested are now at the farmer's markets and some roadside stands. Josephine County has truck gardens including sweet corn, tomatoes, squash and green beans. In Washington County sweet corn was nearing waist high and tomatoes are blooming and setting fruit. Potatoes were up and growing in Crook, Deschutes and Jefferson counties last week, but they were behind previous years because of all of the spring moisture received and consequently were planted late. In Klamath County potatoes were 10% flowering and 15% rows closed.

Fruits and Nuts: Peaches were looking good in Benton, Linn and Lane counties but Lane County Commissioners declared the County a disaster on many tree fruits. The season was ending for June berries; blueberries were strong as long as the weather holds and raspberries are looking good, but botrytis moves in quickly in wet weather. The orchard growers in the Willamette Valley have suffered crop loss on the sour cherries. In Clackamas County strawberries were finished, raspberries were over the hill, and Marionberries were just beginning. Mold and mildew has been a problem most of the season. In Douglas County showers and cool weather caused fruit growers an additional fungicide spray as fungal diseases had optimum disease conditions for spreading with the high humidity. Grape growers were also having to spray fungicides to fight powdery mildew. All fruit were looking good in Jackson County; lots of watering being done now on apples and pears, vineyards were looking good. There still are lots of local fresh strawberries. Washington County apples were below average, while strawberries, blueberries, raspberries, boysenberries, blackcaps, cherries and rhubarb were being picked. Filberts and grapes were sizing and walnuts were showing. Cherry harvest continued in the lower and middle Hood River Valley. Summer orchard operations were continuing throughout the Valley. In Malheur County warmer nights have improved the corn crop considerably. In Wasco County officials from the Oregon Department of Agriculture launched a ground based spraying operation on Tuesday night in The Dalles area for a pest control effort targeted at eradicating the Ambrosia beetle. Most growers are pleased with this year's cherry crop as cherry harvest continued on higher elevation orchards in the northern end of the County. Apricots are quite ripe while peaches were sizing nicely.

Soil Moisture-Week Ending 07/10/05

	Very short	Short	Adequate	Surplus
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Topsoil	11	27	58	4
Subsoil	13	24	62	1

Crop Progress-Week Ending 07/10/05

Crop	This week	Last week	Last year	5 year average
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter wheat harvested	7	7	-	4
Barley headed	95	90	93	96
Spring wheat headed	95	84	80	95
Spring wheat harvested	1	-	-	-
Days suitable for fieldwork	5.7	6.5	6.9	6.9

Crop Condition-Week Ending 07/10/05

Crop	Very poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter wheat	1	11	24	44	20
Spring wheat	15	22	23	36	4
Barley	4	9	19	43	25
Range and pasture	1	4	20	59	16

BENTON/LINN/LANE: Grass and hay are being cut. Grass seed being harvested and field being flailed. Grass seed farmers in the Willamette Valley are experiencing losses on some of the crops due to the late wet weather. Peaches are still looking good. Lane County Commissioners declared the County disaster on many tree fruits. The season is ending for June berries. The orchard growers in the Willamette Valley have suffered crop loss on the sour cherries. Blueberries are strong as long as the weather holds. Rain is predicted for next two days. Telling people to go pick in the rain! Raspberries are looking good, but botrytis moves in quickly with wet weather. Radishes, shallots, new potatoes, garlic, lettuce mixes, onions, chives, chard, cauliflower, cabbage, lots of lettuces, young carrots. Corn and green beans are up and slowly growing. Green beans are just beginning to show some bloom, and corn is barely knee-high. Irrigation is happening now as warmer weather permits. The weather has been mild with highs of 80-85, with rain in the later part of the week.

CLACKAMAS: Finally a few days early in the week to make hay, only to be shut down again. Strawberries finished. Raspberries over the hill and Marionberries are just beginning. Mold and mildew has been a problem most of the season. Vegetables are still looking for some good growing weather. Beans will be ready soon. Nurseries are in the summer time mode. Livestock are still in good condition. Dryland pastures are holding up well, still plenty of forage.

COOS/CURRY: AM foggy conditions persisted throughout much of the period in areas along the coast. Although hampered by cool weather and fog in some areas, hay/haylage production continued early in the week with good weather in the afternoons. Some were caught by showers particularly Friday night and continued scattered drizzle Saturday afternoon.

Brookings (Curry): Low temperatures for the period were 50.68 degrees, 3.08 degrees above the 5-year average. High temperatures for the period were 65.99 degrees, 6.45 degrees below the 5-year average. Precipitation for the period was 0.33 inches, compared to a 5-year (including drought years 2001-2004) average of 0.01 inches. Weather year precipitation stands at 74.23 inches, 8.43 inches above the 5-year average (including drought years 2001-2004). Historical average (through June) is 69.98 inches precipitation. Bandon (Coos & Northern Curry): No cranberry frost events were recorded at this location during the week. Low temperatures for the period were 48.51 degrees, 1.53 degrees above the 5-year average. High temperatures for the period was 68.42 degrees, 2.15 degrees above the 5-year average. Precipitation for the period was 0.18 inches compared to a 5-year average (including drought years 2001-2004) of 0.01 inches. Weather year precipitation stands at 51.81 inches, 3.82 inches above the 5-year average (including 4 drought years, 2001 – 2004), and still 5.67 inches below the historic average of 57.48 inches (through June).

DOUGLAS: Last week was seasonally cool with rain showers during a few days. Showers minimized moisture use by pastures. Showers and cool weather caused fruit growers an additional fungicide spray as fungal diseases had optimum disease conditions for spreading with high humidity. Grape growers were also having to spray fungicides to fight powdery mildew. Hay cutting and swathing was disrupted by the wet weather once again. This has been a tough

year for the hay crop. Hay production has been excellent, but hay quality is low with difficult drying conditions. Wheat has hit maturity, but wet conditions will delay harvest one week. Should see good harvest activity in the next seven to ten days.

JACKSON: Grain crops are starting to ripen. Still a lot of hay put up this week. There were a few very light showers on Saturday and Sunday nights, but not very much. All fruit looking good. Lots of watering being done now on apples and pears. Vineyards are looking good and really like the warmer days. Still lots of local fresh strawberries. Much watering, weeding, and cultivation of vegetable crops is ongoing. Some early sweet corn is now about knee high. Early vegetable crops that are being harvested are now at the farmer's markets and some roadside stands. Dry ground pastures are starting to dry-up, but there are still lots of cattle on valley pastures. Those with irrigation looking quite good. Some cattle now being put on some lands where hay has been cut. All livestock looking good. The weather this week was quite nice, very good for haying. Nights are a bit cool, but days are warm with light winds that are good for drying hay. It was a good week for most farm or ranch work needing to be done.

JOSEPHINE: Truck gardens including sweet corn, tomatoes, squash, and green beans, are all planted and going well. Weather this week was hot to mild with dry winds, overcast, and slight rains even had some mud puddles. Farmers are having a hard time getting first crop of hay out of the fields. Fields are finally dry enough to mow. They have been getting it mowed and then it rains, get it raked and it rains, get it baled and it rains. Livestock were good with plenty of pasture without supplemental water, unheard of for here.

POLK: Grass seed is swathed throughout the entire County. There were some light rain showers this past week, and below average temperatures. With the wet weather this summer, grass has already began to grow back through the windrows of the earlier swathed varieties like annual ryegrass. Voles continue to be a problem throughout the County.

WASHINGTON: The high temperature was 82, and low 50 with 0.4" rainfall. Humidity ranged from 72-84. Irrigating spring planted crops. Wheat nearing harvest. Crimson clover seed is being combined. Red clover is blooming, and lavender is being harvested. Grass for seed is being swathed. Beets for seed are nearing swathing stage. Grass haying activities continue. Apples are below average. Strawberries, blueberries, raspberries, boysenberries, blackcaps, cherries, and rhubarb are being picked. Filberts and grapes are sizing, and walnuts are showing. Sweet corn nearing waist high. Tomatoes are blooming and setting fruit. Greenhouse and nursery crops are being irrigated. Cattle are doing well on improved pastures. Irrigation and rains plus moderate temperatures have helped pastures.

YAMHILL: The cooler weather trend near the end of the week slowed emergence of insect pests like filbertworm. Tall fescue is being swathed and some harvesting has taken place.

EASTERN OREGON

CROOK/DESCHUTES/JEFFERSON: Chickpeas are blooming in all three counties. Second cutting of hay has started, especially in Jefferson County. Swathing of grass seed taking place. Mint leaves being harvested. There is a lot of stripe rust on the winter wheat, including the heads, especially in Jefferson County, where the majority of the wheat acres are located. There is some barley yellow dwarf present in some fields. Regular fall date (not late fall planted) planted winter barley is drying down. Winter wheat fields are turning color. Oat fields (Otana, Cayuse, and Monida) in Powell Butte area have headed. Potatoes are up and growing; they are really behind previous years because of all of the moisture received in the spring and consequently were planted late. There was some rain on Friday evening / night, not sure how extensive of an area it covered, but appeared to hit most of central Oregon? It was a light rain and probably only affected the hay harvest and would not have slowed down any other field activity.

HARNEY: Meadow hay harvest in full swing. Rain Saturday and Sunday delaying hay harvest.

HOOD RIVER: Unsettled weather continued with rain late in the week. Cherry harvest continued in the lower and middle Hood River Valley. Summer orchard operations are continuing in orchards throughout the Valley.

KLAMATH: Grass hay cutting is ongoing. Potatoes 10% flowering and 15% rows closed. Higher elevation range is in full production.

LAKE: Warmer temperatures persisted throughout the week. Received some precipitation over the weekend. Crops and pastures are in good condition.

MALHEUR: Rain on Saturday stopped haying operations for a couple of days. Warmer nights have improved the corn crop considerably. Haying of the oat crop is almost complete.

SHERMAN: Cloudy weather and cooler temperatures have slowed the start of harvest. Offerings to the sun god have been made for real summer weather. Wheat harvest is started, although hit and miss right now. Far more have taken samples than are actually cutting. Expect a large number to start wheat harvest

by Monday. Barley harvest has gone well (except for the fires) with good reports although some mixed reports as to quality. Could be a disastrous year for fires (4 already, but none since Tuesday) as everything is so dry. The wheat price still needs a boost.

UMATILLA: Wheat harvest is getting started on the west end of Umatilla County. No yields have been reported yet. Rain showers over the weekend will likely delay the start of harvest in the Pendleton area for a couple of days. With dry weather and warm temperatures in the forecast, expect harvest to get underway this week.

UNION: Recent hot weather has caused some stress to cereal crops. Stripe rust has appeared all of a sudden in various locations. Swathing of cool season grasses is well underway. First cutting of hay (alfalfa, grass pasture, etc.) is complete. Grass seed harvested started. Light precipitation event over the weekend has delayed grass seed swathing, and other field work.

WALLOWA: Warmer weather, without any moisture, has started to affect dryland crops. Irrigated crops are still looking good. Range conditions are also declining due to lack of moisture.

WASCO: Weather conditions were near normal throughout the week. Officials from Oregon Department of Agriculture launched a ground based spraying operation on Tuesday night in The Dalles area for a pest control effort targeted at eradicating the Ambrosia beetle. It is a threat to the cherry industry. The ambrosia beetle arrived in The Dalles last year or earlier, after hitching a ride aboard lumber destined for the railroad treating tie plant in The Dalles. The beetle attacks a wide range of both hardwoods and softwoods. Thus far, the beetle seems to be confined to a narrow band around the tie plant. Cherry harvest continued on higher elevation orchards in the northern end of the County. Wheat harvest started on Tuesday around The Dalles. Other field activity included summer fallow cultivation and fertilization. Most growers are pleased with this year's cherry crop. Apricots not quite ripe, while peaches are sizing nicely. Second cutting of alfalfa hay was under way all week. Livestock in good condition with adequate forage.

Weather data for selected stations in Oregon, Week ending: July 10, 2005 (as of 11:00 am)

Station	Air temperature ¹				Growing ² Degree days		Last week precip. ³			Season cum. Precipitation ⁴			
	Low	High	Avg.	DFN	Total	DFN	Total Inches	DFN	Days	Total Inches	DFN	Pct. Normal	Days
COASTAL AREAS													
Astoria/Clatsop	52	68	61	+2	77	+13	1.61	1.29	3	60.31	-4.02	94	178
Bandon ⁵	49	68	60	+3	73	+17	0.18	0.07	3	57.35	-0.31	99	158
Crescent City	51	65	59	+2	63	+7	0.10	0.00	3	56.13	-7.85	88	128
Florence	44	72	60	+1	72	+4	0.73	0.49	4	64.92	-9.65	87	163
Tillamook	45	71	59	+2	66	+10	1.48	1.04	4	73.17	-12.67	85	177
WILLAMETTE VALLEY													
Aurora ⁵	53	84	66	+1	111	+4	0.51	0.33	4	31.95	-7.70	81	159
Corvallis	52	88	69	+4	131	+28	0.02	-0.12	2	20.51	-20.97	49	119
Detroit Lake ⁵	49	86	64	+3	103	+18	0.42	0.17	3	41.59	-24.08	63	114
Eugene	46	84	66	+0	112	-3	0.11	-0.03	3	26.19	-21.76	55	143
Hillsboro	50	84	65	-1	103	-2	0.19	0.05	3	26.51	-9.64	73	156
McMinnville	50	84	65	+0	105	+0	0.29	0.15	4	24.97	-17.16	59	157
Portland	57	84	67	-2	118	-3	0.28	0.13	4	27.90	-6.87	80	159
Salem	50	83	65	-1	104	-4	0.17	0.02	4	26.61	-11.43	70	140
SW VALLEYS													
Grants Pass	54	90	72	+1	152	+7	0.14	0.07	2	28.84	-1.55	95	111
Medford	53	91	71	-1	151	-1	0.07	0.00	2	17.78	-0.38	98	97
Roseburg	51	87	68	+0	127	+4	0.08	-0.04	2	28.44	-3.39	89	120
NORTH CENTRAL													
Condon	44	88	66	+2	115	+12	0.27	0.13	2	11.25	-1.82	86	92
Echo ⁵	55	97	73	+2	162	+9	0.10	0.03	2	5.22	-3.20	62	100
Heppner	50	91	69	+2	135	+8	0.50	0.42	2	10.70	-2.29	82	104
Hermiston	51	97	73	+2	162	+9	0.19	0.12	2	6.03	-2.39	72	66
John Day	45	92	69	+3	134	+12	0.24	0.10	2	11.70	-0.35	97	111
Madras ⁵	46	89	66	-1	110	-2	0.10	-0.04	2	9.29	-0.33	97	108
Moro	39	89	67	+2	122	+6	0.14	0.07	2	8.70	-1.75	83	95
Parkdale ⁵	45	84	63	-4	90	-21	0.03	-0.04	2	20.25	-9.80	67	138
Pendleton	50	94	70	-2	143	-9	0.21	0.13	2	8.80	-2.47	78	94
The Dalles	57	92	71	+6	152	+42	-	-0.07	-	9.15	-2.67	77	90
SOUTH CENTRAL													
Agency Lake ⁵	50	82	66	+4	112	+22	0.03	-0.04	2	13.39	-1.83	88	86
Bend	46	86	65	+4	110	+23	0.12	-0.02	1	12.43	1.62	115	80
Burns	41	90	66	+1	110	+4	0.65	0.55	2	12.62	3.58	140	99
Christmas Valley ⁵	40	88	64	-5	97	-26	0.16	0.02	2	10.29	-1.19	90	91
Klamath Falls	44	84	65	-3	104	-12	0.02	-0.05	1	11.43	-1.21	90	83
Klamath Falls ⁵	45	84	64	-3	102	-14	0.01	-0.06	1	10.69	-1.95	85	116
Lakeview	43	86	64	-2	101	-9	0.08	-0.01	2	7.90	-6.95	53	65
Lorella ⁵	40	86	65	-3	105	-11	0.01	-0.06	1	12.70	0.06	100	124
Redmond	41	91	65	+1	109	+6	0.20	0.06	2	9.76	2.01	126	86
Worden ⁵	41	83	63	-4	94	-22	-	-0.07	-	10.62	-2.02	84	98
NORTHEAST													
Baker City	37	91	65	-1	108	-1	0.25	0.10	2	10.34	0.78	108	93
Joseph	48	90	67	+8	118	+54	0.24	0.02	2	18.17	-5.04	78	126
La Grande	43	91	67	-2	118	-10	0.20	0.05	2	11.97	-4.15	74	94
Prairie City ⁵	41	89	65	+6	105	+38	0.34	0.16	2	13.13	-6.30	68	89
Union	42	94	67	+3	120	+13	0.22	0.05	2	14.38	1.93	116	106
SOUTHEAST													
Ontario	51	96	75	+0	178	-1	0.18	0.11	2	7.73	-1.39	85	61
Rome	46	97	71	+0	146	+1	0.04	-0.05	2	7.96	0.40	105	72

¹ Air temperature in degrees Fahrenheit. ² Growing degree days base-50 degrees Fahrenheit. ³ Precipitation (rain or melted snow/ice) in inches. ⁴ Season cumulative precipitation starts September 1, 2004. ⁵ Agri-Met weather stations.

DFN=Departure from normal (using 1961-1990 normals period).
Precipitation days = Days with precipitation of 0.01 inch or more.

Summary based on NWS data.
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